

Capella

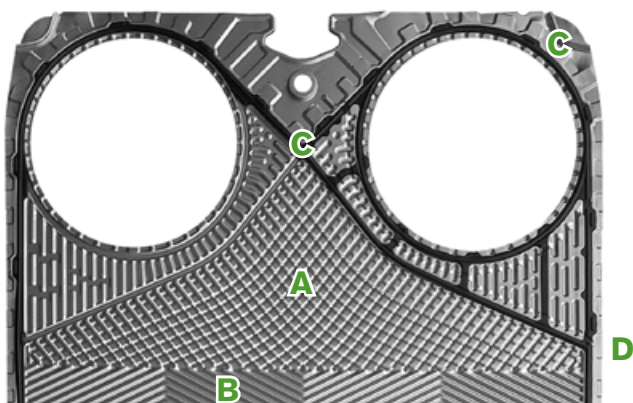
NEW 300 MM PORTED PLATE HEAT EXCHANGER

The New 300 mm ported APV Capella plate from SPX FLOW is designed to cover a wide range of applications and secure even better solutions for our customers within a variety of segments.

By Implementing our features developed over the past 10 years, we can now deliver an even more cost effective heat exchanger, with a super ratio of plate thickness to pressure rating.

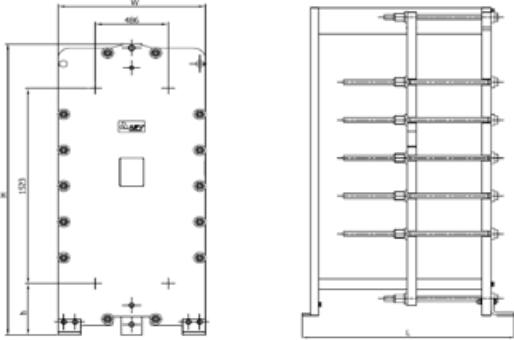
PLATE AVAILABILITY:	The Capella platform consists of 5 plate lengths (C063, C110, C134, C158 and C205), with a standard Energysaver plate pattern.
MAXIMUM HEAT SURFACE:	1500 m ²
TYPICAL CAPACITIES:	Liquid flow rate up to 1500 m ³ /h, depending on media, pressure drop and temperature requirements.

	FEATURE	ADVANTAGES	WHAT'S IN IT FOR YOU!
A	DISTRIBUTION AREA	APV easyclip gasket system	Prevents mal-distribution
B	CORRUGATED PLATE PATTERN – HEAT TRANSFER AREA	Promotes turbulence, minimize fouling	Excellent heat recovery effect Maximize run time
C	APV PLATE LOCKING SYSTEMS	APV “corner lock” and “bubble lock” concepts ensure a stable and well aligned plate pack when the unit is closed	Safe and economic operation High serviceability Minimum service downtime
D	APV EASYCLIP GASKET SYSTEM	Bevelled gasket edges easily clip into place using your fingers Stays securely in place and provides high sealing integrity	Reliable operation Easy and quick to replace No special tools needed



Frame Dimensions:

FRAME	WIDTH mm	HEIGHT mm	h mm	NOMINAL CONNECTION SIZE mm	DESIGN PRESSURE
B063 MGS-06	980	1843	400	300	6 bar
B063 MGS-16	980	1843	400	300	16 bar
B110 MGS-06	980	2323	400	300	6 bar
B110 MGS-16	980	2323	400	300	16 bar
B134 MGS-06	980	2670	400	300	6 bar
B134 MGS-16	980	2670	400	300	16 bar
B158 MGS-06	980	2910	400	300	6 bar
B158 MGS-16	980	2910	400	300	16 bar
B205 MGS-10	980	3390	400	300	10 bar
B205 MGS-16	980	3390	400	300	16 bar



Connections:

FRAME	SIZE	DIN 2501	ANSI B16.5	JIS B2210
MGS-06	300 MM / 12"	ND6, ND10, ND16	CL.150	10K
MGS-10	300 MM / 12"	ND10, ND16	CL.150	10K
MGS-16	300 MM / 12"	ND16	CL.150	16K

GENERAL SPECIFICATIONS

Design:

Industrial frame mild steel, painted to RAL5010 Blue

	PED	ASME
DESIGN CODE	PRESSURE EQUIPMENT DIRECTIVE PED EN 1.3445	ASME VIII DIV 1. & API 622
DESIGN PRESSURE	UP TO 25 BAR	UP TO 25 BAR
TEMPERATURE	0 - 150°C	UP TO 200°C

Materials:

Plates: SS304, SS316L, Titanium, SMO254, Alloy C276 and C2000

Gaskets: NBR, EPDM, HNBR, EPDM HT, FKM (Viton)

Connections: Rubberlined (NBR & EPDM), Metal lining (SS316, Titanium, SMO254, C276 and C2000)

TYPICAL APPLICATIONS

HVAC:

- District Heating / Cooling
- Thermal Storage Systems

Energy:

- Geothermal
- Heat Recovery

Marine:

- Central Cooling
- Jacket Fresh Water Cooling

Industrial:

- Product Heating/ Cooling
- Waste Water

Chemical:

- Product Heating/ Cooling
- Interchanging

Oil & Gas:

- Sea Water Coolers
- Crude Oil Heat Treatment

SPXFLOW

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Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com.

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